

## Abstract for Case Report

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### **Title: Revolutionizing Abstract Submission: Leveraging Artificial Intelligence for Case Report Preparation in Emergency Medicine**

Background: Crafting numerous high-quality case report abstracts for symposium submission within tight timelines poses a significant challenge. This presentation explores the efficacy of employing artificial intelligence (AI), specifically ChatGPT, to expedite the drafting of 12 abstracts for an emergency medicine symposium over a span of one week.

Objective: To showcase the efficiency of AI, particularly ChatGPT, in accelerating the abstract writing process, ensuring the creation of concise, coherent case report abstracts, and meeting stringent submission deadlines.

Methods: Over one week, ChatGPT aided in the generation of 11 case report abstracts and 1 quality improvement initiative abstract for an emergency medicine symposium. The methodology involved initial abstract drafting using ChatGPT's capabilities, followed by iterative revisions based on specific feedback and symposium guidelines. Each abstract was tailored to meet the symposium's formatting requirements and content standards.

Results: ChatGPT significantly expedited the initial drafting phase, allowing more time for iterative refinement and review. The AI-generated drafts provided structured, coherent content, facilitating seamless modifications and ensuring consistency across all abstracts. Despite English not being the user's first language, ChatGPT's assistance ensured that the abstracts met the submission criteria and adhered to symposium guidelines.

Conclusion: Harnessing ChatGPT for abstract preparation in emergency medicine symposiums streamlines the drafting process, enabling researchers and clinicians to meet tight submission deadlines while maintaining quality standards. AI serves as a valuable tool in the rapid creation of case report abstracts, optimizing efficiency and output quality.

Keywords: Artificial intelligence, case report abstracts, emergency medicine

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